

Species Datasheet

Datasheet No. P-045.010.054
(family.genus.species)

DBT- Network Programme

1. Taxon:

Species: *Dryopteris varia* (L.) Kuntze

Subspecies:

Variety:

Cultivar

Hybrid

Image file

2. Synonyms:

[*Aspidium lacerum* var. *subtripinnatum* Franch. & Sav.](#)

[*Aspidium opacum* \(Hook.\) Benth.](#)

[*Aspidium varium* \(L.\) Sw.](#)

[*Dryopteris caudifolia* Ching & P.C. Chiu](#)

[*Dryopteris fuyangensis* Ching & P.C. Chiu](#)

[*Dryopteris glabrescens* Ching & P.S. Chiu ex K.H. Shing & J.F. Cheng](#)

[*Dryopteris hololepis* \(Hayata\) Tagawa](#)

[*Dryopteris lingii* Ching](#)

[*Dryopteris matsuzoana* Koidz.](#)

[*Dryopteris ogawae* H. Itô](#)

[*Dryopteris sinovaria* Ching & Z.Y. Liu](#)

[*Dryopteris yabei* Hayata](#)

[*Dryopteris yabei* var. *hololepis* \(Hayata\) H. Itô](#)

[*Dryopteris yabei* var. *matsuzoana* \(Koidz.\) H. Itô](#)

[*Dryopteris yabei* var. *ogawae* \(H. Itô\) H. Itô](#)

[*Dryopteris yabei* f. *ogawae* \(H. Itô\) H. Itô](#)

[*Lastrea opaca* Hook.](#)

[*Lastrea varia* \(L.\) T. Moore](#)

[*Nephrodium coriaceum* C. Hope](#)

[*Nephrodium filix-mas* f. *subtripinnata* \(Franch. & Sav.\) Matsum.](#)

[*Nephrodium varium* \(L.\) C. Presl](#)

[*Nephrodium villosum* var. *opaca* \(Hook.\) Hieron.](#)

[*Polypodium varium* L.](#)

[*Polystichum hololepis* Hayata](#)

[*Polystichum varium* \(L.\) C. Presl](#)

[*Polystichum varium* var. *subtripinnatum* \(Franch. & Sav.\) Nakai](#)

3.Systematic Position:

Christenhusz 2011

- Class: Equisetopsida C.Agardh
- Subclass: Polypodiidae Cronquist, Takht. & Zimmerm.
- Order: Polypodiales Link.
- Family: Dryopteridaceae Herter
- Subfamily: Dryopteridoideae B.K. Nayar
- Genus: *Dryopteris* Adans.
- Species: *Dryopteris varia* (L.) Kuntze
- Subspecies:

4.Distribution:

Global:

India:

5.Indigenous/Exotic/Endemic;Cultivated/Wild:

6.Threat Status:

IUCN:

BSI:

7.Habit and Habitat:

8.Life Form:

9.Economic Importance:

10. Probable Progenitor of:

11.DNA

C-value

Methodology

12.Basic chromosome number(s):

13. Zygotic chromosome number(s):

14. Gametic chromosome number(s):

15.Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16.Ploidy level:

Image file

17.Agametoploidy:

18.Nature of polyploidy (auto, segmental, allo, autoallo):

19.Genomic formula:

20.Aberrant chromosome number(s)(aneuploidy, aneusomaty, polysomaty):

21.Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23.Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization:

Image file

24.Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26.Chromosome associations:

Female meiosis

Male meiosis

Image file

27.Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29.Any other information (Apomixis; Inversion; Male sterility;Pollen grain mitosis; Pollen stainability;Translocationsetc.):